2192
PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nicolai Kosche et al.

Title: TECHNIQUE FOR ASSOCIATING INSTRUCTIONS WITH
EXECUTION EVENTS

Application No.: 10/050,358

Filed: January 16, 2002

Examiner: Wang, Rongfa Philip

Group Art Unit: 2192

Atty. Docket No.: 004-7047

Confirmation No.: 5734

February 7, 2006

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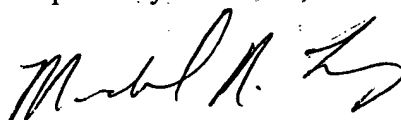
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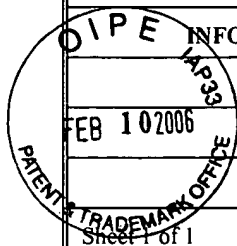
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Respectfully submitted,



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PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 004-7047
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		Filing Date: January 16, 2002
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		Date Submitted: February 7, 2006



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US-5,526,499	06-11-1996	Bernstein et al.		
	AB	US-5,948,095	09-97-1999	Arora et al.		
	AC	US-6,000,044	12-07-1999	Chrysos et al.		
	AD	US-6,092,180	07-18-2000	Anderson et al.		
	AE	US-6,098,166	08-01-2000	Liebold et al.		
	AF	US-6,289,506	09-01-2001	Kwong et al.		
	AG	US-6,308,261	10-23-2001	Morris et al.		
	AH	US-6,625,660	09-23-2003	Guthrie et al.		
	AI	US-6,675,374	01-06-2004	Pieper et al.		
	AJ	US-6,675,380	01-06-2004	McKinsey et al.		
	AK	US-6,681,317	01-20-2004	Matthews		
	AL	US-6,697,932	02-24-2004	Yoaz et al.		
	AM	US-6,748,589	06-08-2004	Johnson et al.		
	AN	US-6,880,073	04-12-2005	Arimilli et al.		
	AO	US-2002/0056078	05-09-2002	Inagaki		
FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS

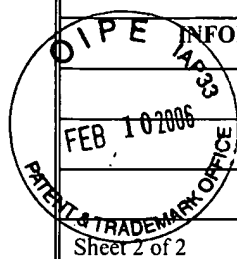
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	ALPERN, B. et al., "The Jalapeno Virtual Machine," <i>IBM Systems Journal</i> , Vol. 39, No. 1, 2000, pages 211-238.	
	AB	ANDERSON, Jennifer et al., "Continuous Profiling (It's 10:43; Do You Know Where Your Cycles Are?)," abstract for presentation at HOT Chips 9, Stanford, CA, August 1997, 2 pages, retrieved from the Internet at URL http://h30097.www3.hp.com/dcp/publications.htm .	
	AC	ANDERSON, Jennifer et al., "Instruction-Level Profiling on In-Order and Out-of-Order Processors," DEC presentation by Jeff Dean at Duke University, December 3, 1997, 42 pages, retrieved from the Internet at URL http://h30097.www3.hp.com/dcp/publications.htm .	
	AD	ANDERSON, Jennifer M. et al., "Continuous Profiling: Where Have All the Cycles Gone?" <i>16th ACM Symposium on Operating Systems Principles</i> , St. Malo, France, October 5-8, 1997, 20 pages.	
	AE	ANDERSON, Jennifer et al., "Continuous Profiling: An Electron Microscope for Your Computer," presentation by Mark Vandevoorde to Silicon Valley summer interns, Palo Alto, CA, August 13, 1999, 18 pages.	
	AF	ARMSTRONG, Eric, "HotSpot: A new breed of virtual machine," <i>Java World</i> , March 1998, 11 pages, retrieved from the Internet at URL http://www.javaworld.com .	
	AG	BERRENDORF, Rudolf and ZIEGLER, Heinz, "PCL - The Performance Counter Library: A Common Interface to Access Hardware Performance Counters on Microprocessors (Version 1.2)," Technical Report FZJ-ZAM-IB-9816, Julich, Germany, October 1998, pages 1-50.	
	AH	BERC, Lance et al., "DIGITAL Continuous Profiling Infrastructure," DIGITAL Continuous Profiling Infrastructure Project, OSDI '96 Work-in-Progress Presentation, 2 pages, retrieved from the Internet at URL http://h30097.www3.hp.com/dcp/publications.htm .	
	AI	BERC, Lance and VANDEVOORDE, Mark, "Hardware Support for Out-of-Order Instruction Profiling on Alpha 21264a," <i>HotChips 11</i> , Stanford, CA, USA, August 17, 1999, 21 pages.	
	AJ	BROWNE, Shirley et al., "A Scalable Cross-Platform Infrastructure for Application Performance Tuning Using Hardware Counters," <i>Proceedings of SC2000</i> , Dallas, TX, November 2000, 10 pages.	
	AK	BURROWS, Mike et al., "Efficient and Flexible Value Sampling," <i>Architectural Support for Programming Languages and Operating Systems (ASPLOS-IX)</i> , Nov. 1-3 2000, pages 1-19.	
	AL	CHILIMBI, Trishul M. et al., "Cache-Conscious Structure Layout," <i>Proceedings of the ACM SIGPLAN '99 Conf. on Programming Language Design and Implementation</i> , May 1999, 12 pages.	
	AM	CHILIMBI, Trishul J., et al., "Cache-Conscious Structure Definition," <i>Proceedings of the ACM SIGPLAN '99 Conf. on Programming Language Design and Implementation</i> , May 1999, 12 pages.	
	AN	DEAN, Jeffrey et al., "ProfileMe: Hardware Support for Instruction-Level Profiling on Out-of-Order Processors," 1997 IEEE in <i>Proceedings of Micro-30</i> , Research Triangle Park, NC, December 1-3, 1997, 12 pages.	
	AO	DEROSE, Luiz et al., "SIGMA: A Simulator Infrastructure to Guide Memory Analysis," <i>Conf. on High Performance Networking and Computing Proceedings of the 2002 ACM/IEEE Conf. on Supercomputing</i> , Baltimore, MD, 2002, 13 pages.	
	AP	ITZKOWITZ, Marty et al., "Memory Profiling Using Hardware Counters," in <i>Conf. on High Performance Networking and Computing Proceedings of the 2003 ACM/IEEE Conf. on Supercomputing</i> , Phoenix, AZ, November 15-21, 2003, pages 1-12.	
Examiner Signature		Date Considered	

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Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AQ	LEBECK, Alvin R., "Cache Conscious Programming in Undergraduate Computer Science," <i>ACM SIGCSE Technical Symposium on Computer Science Education (SIGCSE '99), Proceedings of the 30th SIGCSE Tech Symposium on Comp. Sci. Edu.</i> , New Orleans, LA, USA, March 24-28, 1999, 5 pages.	
	AR	LIPASTI, Mikko H. et al., "SPAID: Software Prefetching in Pointer- and Call-Intensive Environments," <i>Micro 28 Proceedings of the 28th Annual International Symposium on Microarchitecture</i> , Nov. 29-Dec. 1, 1995, Ann Arbor, MI, 6 pages.	
	AS	LUK, Chi-Keung and MOWRY, Todd, "Compiler-Based Prefetching for Recursive Data Structures," <i>APLOS-VII, Proceedings of the Seventh International Conf. on Architectural Support for Programming Languages and Operating Systems</i> , Cambridge, MA, Oct. 1-5, 1996, 12 pages.	
	AT	MARTONOSI, Margaret et al., "MemSpy: Analyzing Memory System Bottlenecks in Programs," <i>Proceedings of the 1992 ACM SIGMETRICS Joint Int'l. Conf. on Measurement and Modeling of Computer Systems</i> , Newport, RI, USA, June 1-5, 1992, pages 1-12.	
	AU	MOWRY, Todd C. et al., "Design and Evaluation of a Compiler Algorithm for Prefetching," <i>ASPLOS-V, Proceedings of the Fifth International Conf. on Architectural Support for Programming Languages and Operating Systems</i> , Boston, MA, USA, Oct. 12-15, 1992, pages 62-73.	
	AV	RUBIN, Shai et al., "An Efficient Profile-Analysis Framework for Data-Layout Optimizations," <i>Proceedings of the 29th ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages</i> , Portland, OR USA, Jan. 16-18, 2002, 14 pages.	
	AW	SPRUNT, Brinkley, "The Performance Monitoring Features of the Pentium 4 Processor," <i>IEEE Micro</i> , Vol. 22, No. 4, July 2002, pages 32-42.	
	AX	SRIDHARAN, K., "VTune: Intel's Visual Tuning Environment," <i>Proceedings of USENIX-NT Windows NT Workshop</i> , August 11, 1997, Seattle, CA, USA, retrieved from the Internet at URL http://www.usenix.org/publications/library/proceedings/usenix-nt97/presentations/sridhar.html , 24 pages.	
	AY	"Program Performance Analysis Tools," Sun Microsystems, Inc. Publication 817-0922-10, May 2003, retrieved from the Internet at URL http://docs.sun.com/source/817-0922/ , 244 pages.	
	AZ	VENNERS, Bill, "The HotSpot Virtual Machine, How HotSpot Can Improve Java Program Performance and Designs," <i>Artima Developer</i> , May 1998, 7 pages, retrieved from the Internet at URL http://www.artima.com .	
	BA	WALKER, Kip et al., "Using Interpretation for Profiling the Alpha 21264a," presented at Carnegie Mellon University, October 1999, 29 pages.	
	BB	"The Java HotSpot Performance Engine Architecture," <i>Digital Forefront Magazine</i> , Winter 1997, pages 27-28, retrieved from the Internet at URL http://java.sun.com/products/whitepaper.html .	
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